



**CHANDLER FIRE DEPARTMENT**  
**PLAN REVIEW GUIDE FOR BUILDING PLANS**



PROJECT NAME: \_\_\_\_\_ CITY LOG #: \_\_\_\_\_  
PROJECT ADDRESS: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_  
CONTACT PERSON: \_\_\_\_\_ TELEPHONE #: \_\_\_\_\_

Building and life safety system installation information shall be provided on the appropriate architectural drawings. A copy of this guide shall be attached to submitted drawings. **A review will not be conducted without this guide being submitted with the drawings.**

The following items shall be included on the drawings. Place initials beside each item to indicate information is included on or submitted with the drawings. Place N/R for items not required by the code. Place N/A for items non-applicable.

**Please circle number when completed.**

1. Fire Department "General Notes to the Contractor" are provided on the plan.
2. The Building Code occupancy classification of each area and/or room within the building is indicated on the floor plan.
3. The plan indicates the location and signage of the approved address in accordance with FD standard details.
4. Locate Fire Department key boxes at front entrance to building. Key operated switches (if required) shall be located on all electric gates on separate pedestal or front of Apt Access Box. Pre-emption device shall be located on all electric gates and shall face FD approach to gate.
5. The plans indicate locations of required "Fire Door(s)" and a detail or note for signage is provided.
6. The location, size, and class of all required portable fire extinguishers is provided on the plans.
7. The locations and identity of all fire sprinkler risers, fire standpipe hose outlets (NO hoses attached), fire alarm control panels, and fire alarm annunciator panels are provided on the plans.
8. Fire protection systems needing analysis describing fire detection, fire alarm, and fire extinguishing systems required by the building and fire codes is provided on the plans.
9. The location and identity of fixed equipment, machinery, or devices specifically regulated by the fire code are indicated on the floor plans.
10. The location, height, width, construction type, commodity class, and aisle width for warehouse or storage areas with rack storage or high piled stock is provided on plans.
11. Provide the following information for storage, use, or handling of hazardous materials (if applicable):  
\_\_\_\_\_ A. Attach to the drawings a completed Electronic Hazardous Materials Inventory Statement.  
\_\_\_\_\_ B. Indicate on the drawing the capacity, contents, and property line set backs for the site.  
\_\_\_\_\_ C. Place a note on the drawing describing exterior hazardous materials storage secondary containment and/or treatment systems.

12. Place your initials beside any and all of the following that will take place within the building:

- \_\_\_\_\_ PLACE OF ASSEMBLY (CHAPTER 3,4,5,6,8,9,10 & 24)
- \_\_\_\_\_ BOWLING ALLEY (CHAPTER 15)
- \_\_\_\_\_ AUTOMOTIVE, JUNK OR WASTE MATERIAL HANDLING (CHAPTER 3,5,9,25,27,30,31,33 & 34)
- \_\_\_\_\_ COVERED MALL BUILDING (CHAPTER 1,2,3,4,8,9,10 & 30)
- \_\_\_\_\_ AVIATION FACILITIES (CHAPTER 11)
- \_\_\_\_\_ DRY CLEANING (CHAPTER 3 & 12)
- \_\_\_\_\_ COMBUSTIBLE DUST-PRODUCING OPERATIONS (CHAPTER 9 & 13)
- \_\_\_\_\_ FLAMMABLE FINISHES (CHAPTER 15)
- \_\_\_\_\_ FRUIT & CROP RIPENING (CHAPTER 16 & 27)
- \_\_\_\_\_ FUMIGATION & THERMAL INSECTICIDAL FOGGING (CHAPTER 17)
- \_\_\_\_\_ SEMICONDUCTOR FABRICATION FACILITIES (CHAPTER 4,6,9 & 18)
- \_\_\_\_\_ LUMBER YARDS & WOODWORKING FACILITIES (CHAPTER 19)
- \_\_\_\_\_ MANUFACTURE OF ORGANIC COATINGS (CHAPTER 20)
- \_\_\_\_\_ INDUSTRIAL OVENS (CHAPTER 21)
- \_\_\_\_\_ MOTOR FUEL-DISPENSING FACILITIES & REPAIR GARAGES (CHAPTER 9,22,26,34, & 38)
- \_\_\_\_\_ HIGH-PILED COMBUSTIBLE STORAGE (CHAPTER 9 & 23)
- \_\_\_\_\_ TIRE REBUILDING & TIRE STORAGE (CHAPTER 25)
- \_\_\_\_\_ WELDING & OTHER HOT WORK (CHAPTER 26)
- \_\_\_\_\_ HAZARDOUS MATERIALS – GENERAL PROVISIONS (CHAPTER 1,3,4,6,9,27,30,31,32,33,34,35,36,37,39,40,41 & 43)
- \_\_\_\_\_ AEROSOLS (CHAPTER 28)
- \_\_\_\_\_ COMBUSTIBLE FIBERS (CHAPTER 29)
- \_\_\_\_\_ COMPRESSED GASES (CHAPTER 30)
- \_\_\_\_\_ CORROSIVE MATERIALS (CHAPTER 31)
- \_\_\_\_\_ CRYOGENIC FLUIDS (CHAPTER 32)
- \_\_\_\_\_ EXPLOSIVES & FIREWORKS (CHAPTER 33)
- \_\_\_\_\_ FLAMMABLE & COMBUSTIBLE LIQUIDS (CHAPTER 2,5,22,27,34)
- \_\_\_\_\_ FLAMMABLE GASES (CHAPTER 35)
- \_\_\_\_\_ FLAMMABLE SOLIDS (CHAPTER 36)
- \_\_\_\_\_ HIGHLY TOXIC & TOXIC MATERIALS (CHAPTER 37)
- \_\_\_\_\_ LIQUEFIED PETROLEUM GASES (CHAPTER 38)
- \_\_\_\_\_ ORGANIC PEROXIDES (CHAPTER 39)
- \_\_\_\_\_ OXIDIZERS (CHAPTER 40)
- \_\_\_\_\_ PYROPHORIC MATERIALS (CHAPTER 41)
- \_\_\_\_\_ PYROXYLIN (CELLULOSE NITRATE) PLASTIC (CHAPTER 9 & 42)
- \_\_\_\_\_ UNSTABLE (REACTIVE) MATERIALS (CHAPTER 43)
- \_\_\_\_\_ WATER-REACTIVE SOLIDS & LIQUIDS (CHAPTER 44)

13. Chandler Fire Chemical Inventory Requirements – Electronic Hazardous Materials Inventory Statement (HMIS) is required to be completed for Plan Review and submitted with construction drawings to Development Services. The electronic version shall import into the Fire Departments software. The Fire Department is using software from Encompsol (ECS). Any format can be used as long as it will import into the Fire Departments software.

ECS may be contacted at web site [www.encompsol.com](http://www.encompsol.com) to obtain information on the software or to determine what will import into the system.

A copy of the Material Safety Data Sheets (MSDS) shall be in a .PDF format and attached in the software. If you need assistance with this please contact the Chandler Fire Department at 480-782-2121.